

CLAIMS:

1. An electric vacuum cleaner with a vacuum cleaner main body that comprises:
 - a water pan compartment comprising a water pan which stores therein water used to remove dust from dust-containing air, and
 - a suction compartment comprised of:
 - a main casing that is detachably provided on said water pan compartment,
 - a separator that is rotationally provided in said main casing so as to separate air from said water, and
 - a main fan that is rotationally provided in said main casing and sucks in dust-containing air and exhausts air, from which water has been separated by said separator, to outside of said vacuum cleaner main body; wherein
 1. said separator is formed in a shape of a basket with a bottom, in which a plurality of ribs are formed in a circumferential direction thereof with slit gaps between said ribs, and
 2. a reverse jet fin assembly that rotates together with said separator and causes air to jet downward toward an outer surface of said separator is provided on an opening of said separator.
2. The electric vacuum cleaner according to Claim 1, wherein said reverse jet fin assembly comprises a plurality of fins formed in a saw-tooth shape which are disposed in a circumferential direction of a flange portion of said reverse jet fin assembly.
3. The electric vacuum cleaner according to Claim 1, wherein a central portion of said bottom of said separator is raised.
4. The electric vacuum cleaner according to Claim 1 or 2, wherein an outer circumferential surface of a flange formed on an outer circumferential surface of said separator protrudes to the same position as outside surfaces of said reverse jet fin assembly.
5. The electric vacuum cleaner according to Claim 1, 2 or 3, wherein
 1. said main fan is accommodated in a fan case that communicates with said water pan compartment in which said separator is disposed, and
 2. an exhaust chamber, which is disposed on an outer circumferential side of said fan case so that said exhaust chamber communicates with an interior of said fan case, and said

water pan compartment, in which said separator is disposed, are partitioned by a fan case cover that covers an undersurface side of said fan case.

6. The electric vacuum cleaner according to Claim 5, wherein said main casing is provided with an outer door and said exhaust chamber is provided with an inner door so that air from which said dust and water have been removed is exhausted to an outside of said vacuum cleaner main body through said outer door and inner door when said door are opened.

7. The electric vacuum cleaner according to Claim 4, wherein
said main fan is accommodated in a fan case that communicates with said water pan compartment in which said separator is disposed, and

an exhaust chamber, which is disposed on an outer circumferential side of said fan case so that said exhaust chamber communicates with an interior of said fan case, and said water pan compartment, in which said separator is disposed, are partitioned by a fan case cover that covers an undersurface side of said fan case.

8. The electric vacuum cleaner according to Claim 7, wherein said main casing is provided with an outer door and said exhaust chamber is provided with an inner door so that air from which said dust and water have been removed is exhausted to an outside of said vacuum cleaner main body through said outer door and inner door when said door are opened.